

Title (en)
COMPOSITE ELECTRIC WIRE STRUCTURE AND METHOD FOR MANUFACTURING THE SAME

Title (de)
VERBUNDSTROMDRAHTSTRUKTUR UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
STRUCTURE DE FIL ÉLECTRIQUE COMPOSITE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3104369 B1 20190807 (EN)

Application
EP 16173721 A 20160609

Priority
KR 20150081520 A 20150609

Abstract (en)
[origin: EP3104369A1] Provided are a composite electric wire structure wherein a carbon material island structure is formed on a surface of a metal wire and a method for manufacturing the same. The carbon material/metal composite electric wire is capable of solving stability problem and preventing a decrease in electrical properties, mechanical properties, etc. In addition, the composite electric wire structure may be produced in commercially viable large scale.

IPC 8 full level
H01B 1/02 (2006.01)

CPC (source: EP US)
H01B 1/02 (2013.01 - EP US); **H01B 1/026** (2013.01 - EP US); **H01B 5/002** (2013.01 - US); **H01B 5/02** (2013.01 - US); **H01B 5/12** (2013.01 - US); **H01B 7/1805** (2013.01 - US)

Cited by
CN111326349A

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DOCDB simple family (publication)
EP 3104369 A1 20161214; EP 3104369 B1 20190807; KR 101771548 B1 20170912; KR 20160144839 A 20161219;
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